UNIVERSAL MULTI-CD SYSTEM

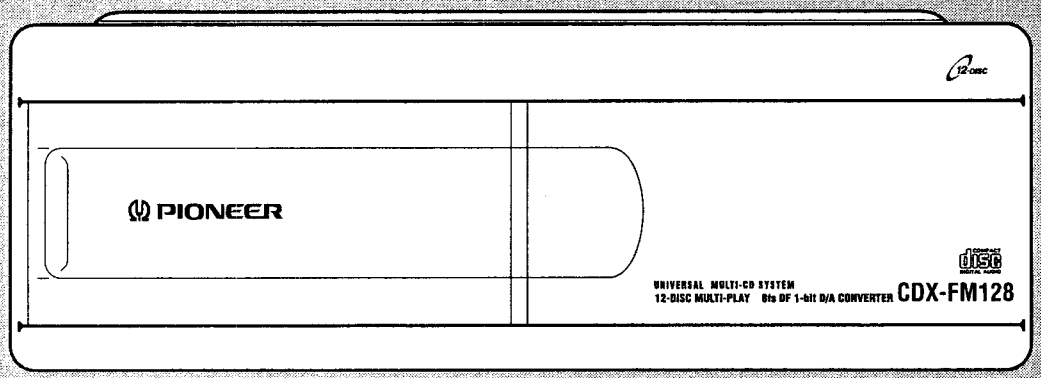
SYSTEME DE CD MULTIPLE UNIVERSEL

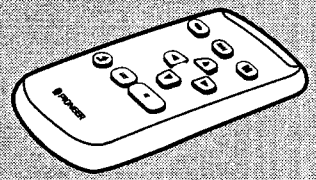
12-DISC

OWNER'S MANUAL
MODE D'EMPLOI

Thank you for purchasing this PIONEER product. Before attempting operation, be sure to read this manual.

Nous vous remercions d'avoir acheté cet appareil PIONEER. Avant de l'utiliser, prendre soin de lire ce manuel.





PIONEER®

The Art of Entertainment

CDX-FM128

ENGLISH

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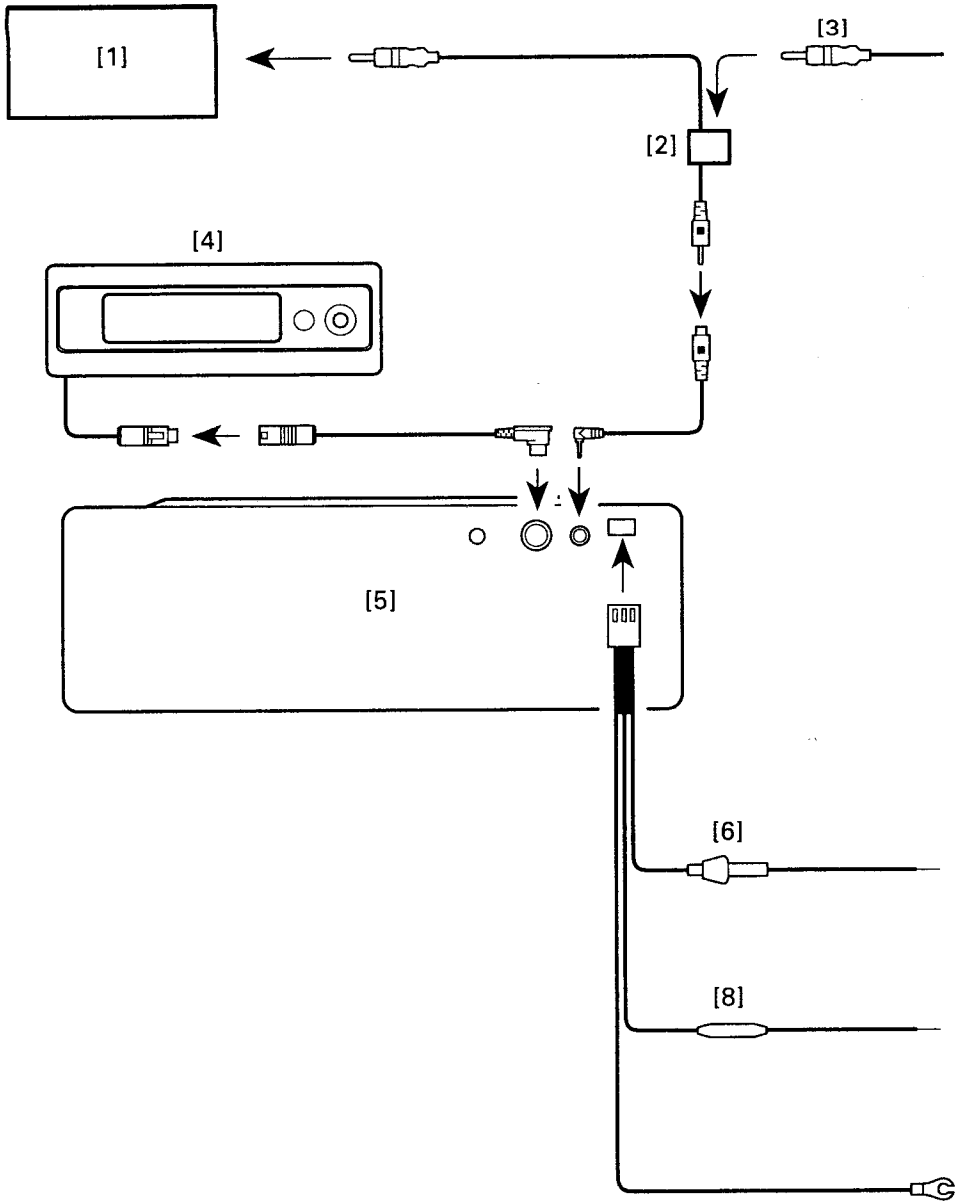


Fig. 1

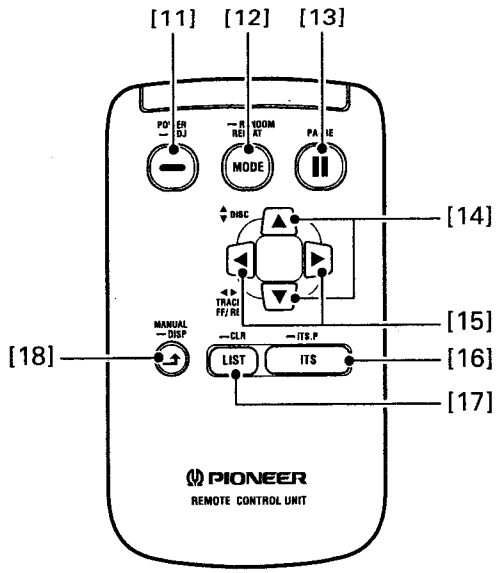


Fig. 2

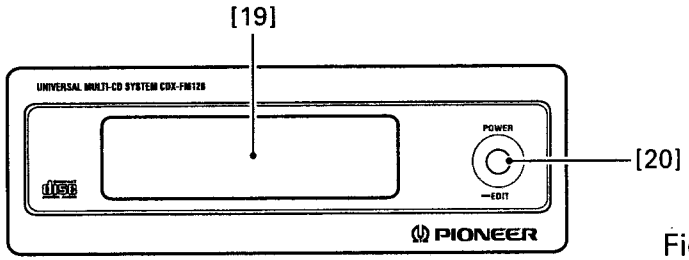


Fig. 3

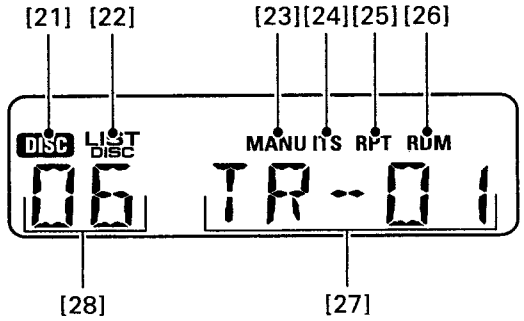


Fig. 4

Dear Customer:

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion—and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

We Want You Listening For A Lifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. This list of sound levels is included for your protection.

Decible Level	Example
30	Quiet library, soft whispers
40	Living room, refrigerator, bedroom away from traffic
50	Light traffic, normal conversation, quiet office
60	Air conditioner at 20 feet, sewing machine
70	Vacuum cleaner, hair dryer, noisy restaurant
80	Average city traffic, garbage disposals, alarm clock at two feet.

THE FOLLOWING NOISES CAN BE DANGEROUS UNDER CONSTANT EXPOSURE

90	Subway, motorcycle, truck traffic, lawn mower
100	Garbage truck, chain saw, pneumatic drill
120	Rock band concert in front of speakers, thunderclap
140	Gunshot blast, jet plane
180	Rocket launching pad

Information courtesy of the Deafness Research Foundation.

Precautions

CAUTION:
USE OF CONTROL OR ADJUSTMENT OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION:
THE USE OF OPTICAL INSTRUMENTS WITH THIS PRODUCT WILL INCREASE EYE HAZARD.

NOTES:
CHANGES OR MODIFICATIONS TO THIS PRODUCT BY OTHER THAN AN AUTHORIZED SERVICE FACILITY COULD VOID AUTHORIZATION TO USE THIS EQUIPMENT.

SHOULD THE USE OF THIS PRODUCT CAUSE HARMFUL INTERFERENCE WITH ANY RADIO DEVICES, CONTACT YOUR DEALER.

THE USE OF THIS PRODUCT MAY CAUSE A NOTICEABLE LOSS IN **AM** SIGNAL RECEPTION. THIS IS NOT A MALFUNCTION BUT IS PART OF THE NORMAL OPERATION OF THIS MODEL.

Important
The serial number of this device is located on the rear of the unit. For your own security and convenience, be sure to record this number on the enclosed warranty card.

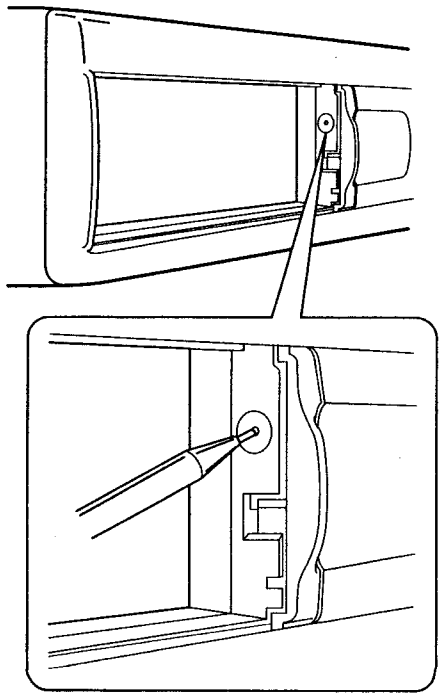
- *When you use this universal multi-CD system, the effective sensitivity of your radio will be reduced slightly.*
- *When you turn the car radio off, the system stays on. If you leave it on for a long time, the car battery may go flat.*
- *This system cannot be used with the optional Multiple installation adaptor (CD-P44).*
- *This system cannot be used with the optional Dual multi CD switcher (CD-M22).*
- *This system cannot be used with the KEX-M900 with a hideaway tuner connected.*
- *When driving on an uneven road, the player may not reproduce every sound properly.*
- *During winter the inside of the vehicle may be very cold. If the heater is turned on and the player is used soon after, the disc or optical parts (prism, lens, etc.) may become misted up, and the player will not operate correctly. If the disc is misted up, wipe it with a soft cloth. If the optical parts are misted up, wait for about an hour for them to warm up. They will return to their normal condition.*

In case of trouble
When the unit does not operate properly, contact your dealer or the nearest authorized PIONEER Service Station.
In the United States, please call 1-800-421-1404 for product information or your nearest service center or 1-800-228-7221 for information on parts.

Pressing the Clear Button

After connecting everything up, press the clear button with the tip of a pencil. If the power will not switch on, or if the CD player does not operate, when the button on the control unit is pressed, or if the control unit display is incorrect, press this button with the tip of a pencil to restore normal operation. (This button is located inside the door.)

- If the clear button is pressed when the player contains a magazine or the ignition switch is set to the ON or ACC position, the CD title display and ITS memory are cleared.



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Connecting the Units

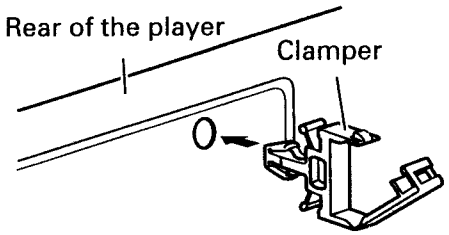
- Before mounting, connect the units temporarily. Check that the units and the system are working correctly.
- After connection is complete, press the clear buttons on the CD player with the tip of a pencil.
- *Be sure to connect the ground lead (black) to the vehicle body or some other metal part that is properly grounded to the chassis. If the ground lead is not properly connected, noise may occur or the system may not operate correctly.*
- *This unit is for vehicles with a 12-volt battery and negative grounding. Before installing it in a recreational vehicle, truck, or bus, check the battery voltage.*
- *To avoid shorts in the electrical system, be sure to disconnect the battery (–) cable before beginning installation.*
- *Check whether installation and wiring have been completed correctly. Replace the removed car components, then connect the end of the cable to the negative (–) terminal of the battery.*
- *Secure the wiring with cable clamps or adhesive tape. To protect the wiring, wrap adhesive tape around them where they lie against metal parts.*
- *Route and secure all wiring so it cannot touch any moving parts, such as the gear shift, handbrake, and seat rails. Do not route wiring in places that get hot, such as near the heater outlet. If the insulation of the wiring melts or gets torn, there is a danger of the wiring short-circuiting to the vehicle body.*
- *Don't pass the orange lead through a hole into the engine compartment to connect to the battery. This will damage the lead insulation and cause a very dangerous short.*
- *Do not shorten any leads. If you do, the protection circuit may fail to work when it should.*
- *Never feed power to other equipment by cutting the insulation of the power supply lead of the unit and tapping into the lead. The current capacity of the lead will be exceeded, causing over heating.*
- *Replace fuses only with the types stipulated on the fuse holder.*
- Even if the power is cut off because the power cord is removed or the battery is replaced, the CD title display and ITS memory are retained for 24 hours.

(Fig. 1)

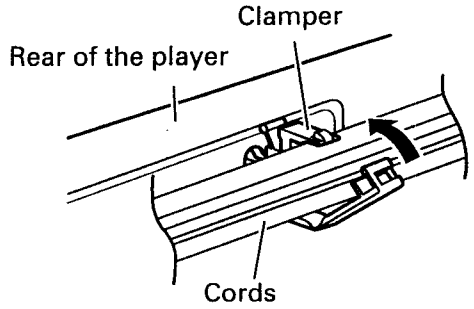
[1] FM car radio
[2] Antenna switching unit
[3] Car antenna plug
[4] Display unit
[5] CD Player unit
[6] Fuse holder
[7] Orange
To terminal always supplied with power regardless of ignition switch position.
[8] Resistor
[9] Red
To electric terminal controlled by ignition switch (12 VDC) ON/OFF.
[10] Black (ground)
To vehicle (metal) body.

Securing cords

1.Mount the supplied clamper on the rear of the player.



2.Bundle all the cords together and secure them with the clamper.

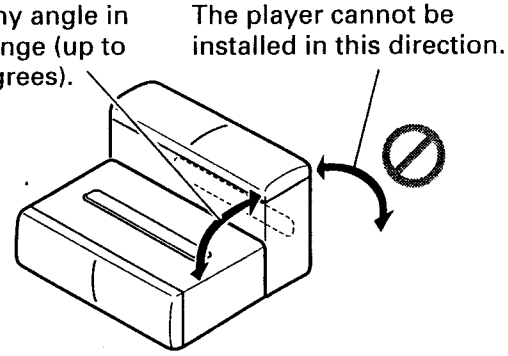


Installation

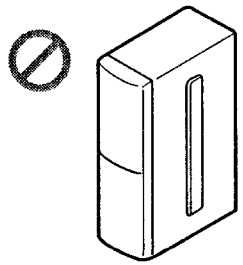
- *Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.*
- *Before finally installing the unit, connect the wiring temporarily and make sure it is all corrected up properly and the unit and the system work properly.*
- *Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.*
- *When mounting the player, make sure none of the leads are trapped between the player and the surrounding metalwork or fittings.*

Location

- *Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop, like an emergency stop.*
- *Be sure to mount the player on a rigid surface which is firm enough to hold the player in the proper position under all circumstances. Failure to do so may affect the optimum performance of the player.*
- *Before drilling a hole into the trunk, confirm that there is nothing behind the hole. Never drill a hole in the fuel tank or any other important part.*
- *Do not mount the player near the heater outlet, where it would be affected by heat, or near the doors, where rainwater might splash onto it.*
- *Do not mount the player on the spare tire board or any other unstable place.*
- *Mount the player in a place where it does not prevent the spare tire, jack, or tools from being easily removed.*
- *Do not mount the player anywhere that gets the sun and so becomes hot, like on the dashboard or the rear shelf.*
- *Install this unit at the angle shown below. In addition, choose a place where the CD magazine can be loaded and unloaded easily.*



The player cannot be installed vertically like this. If it is positioned vertically, the magazine slot must face upward.



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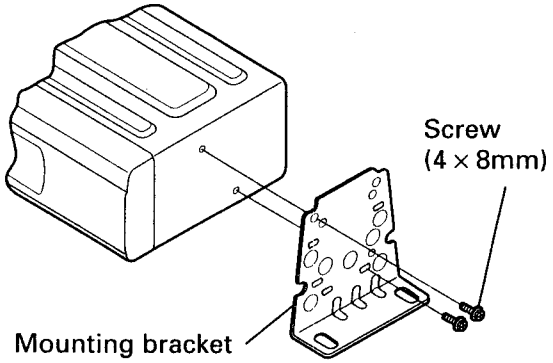
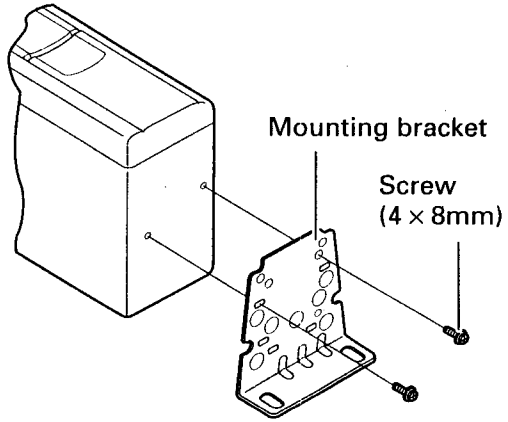
Mounting the player on the mounting board with self-tapping screws

1. Using the screws (4 × 8 mm), fit the mounting brackets to the sides of the player so they face downward.

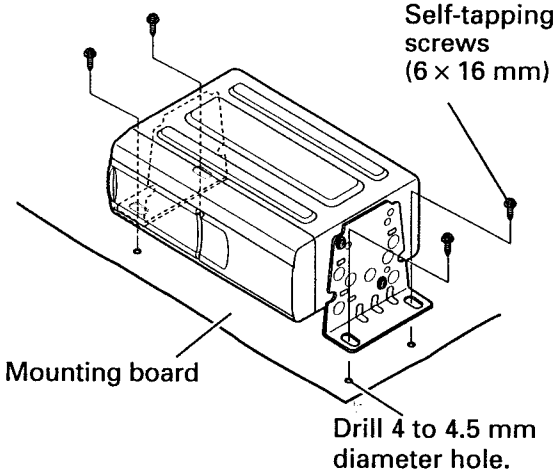


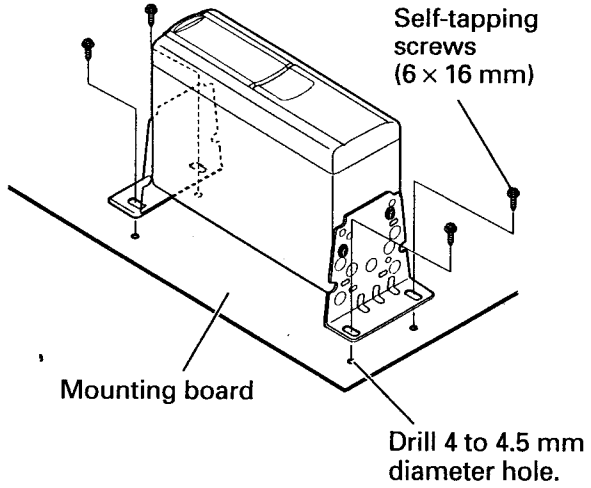
- When the player is installed horizontally, use the outer holes marked "HR" to attach the mounting bracket, and the holes marked "HL" to attach the mounting bracket



- When the player is installed vertically, use the holes marked "VR" to attach the mounting bracket., and the holes marked "VL" to attach the mounting bracket

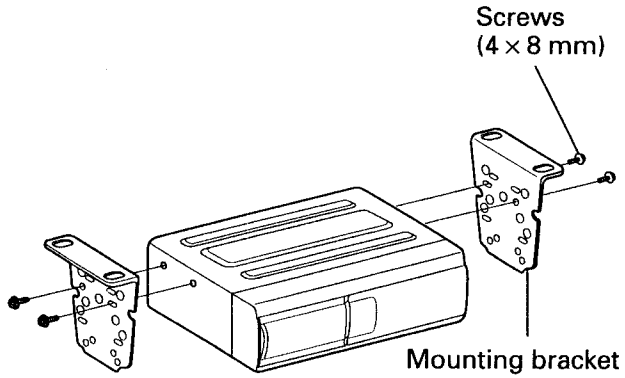
2. Mount the player on the mounting board with the self-tapping screws (6 × 16 mm).





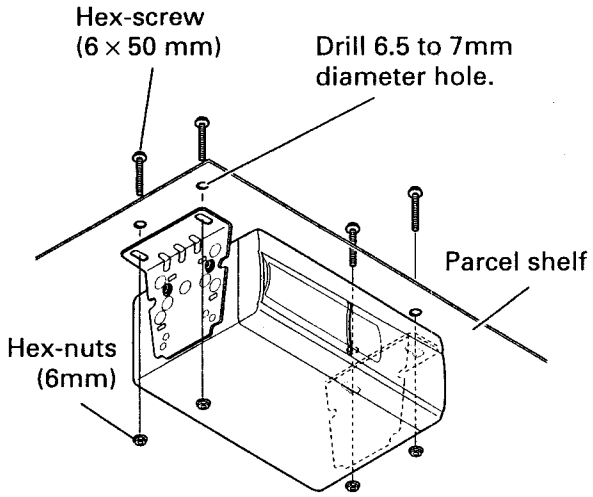
Suspending the player from the parcel shelf with hex-screws

1. Using the screws (4 × 8 mm), fit the mounting brackets to the sides of the player so they face upward.



- Use the holes marked "S" to attach the mounting brackets to the player.

2. Check the place of mounting and drill holes (6.5 to 7 mm diameter) through the parcel shelf.
3. Pass hex-screws (6 × 50 mm) through the holes from the passenger compartment side, fit them to the screw holes of the mounting bracket, and install with the hex-nuts.

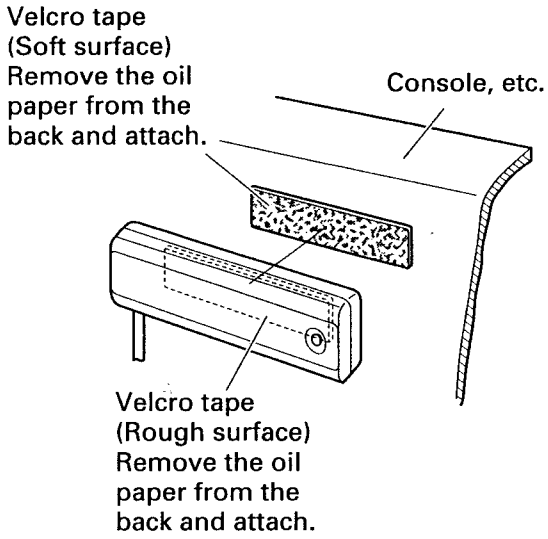


- *Ideally, when the player is being mounted under the parcel shelf, two persons should work together. One person should hold the player, and the other should tighten the hex-nuts. If you do this job on your own, take great care not to drop or knock the player.*

Installing the Display Unit

Mounting example 1: Fasten the display unit with Velcro tape.

- Throughly wipe off the surface before affixing the Velcro tape.
- Obviously, it is very dangerous if the cord gets tangled in the steering wheel, so install the cord so that it cannot get in the way.



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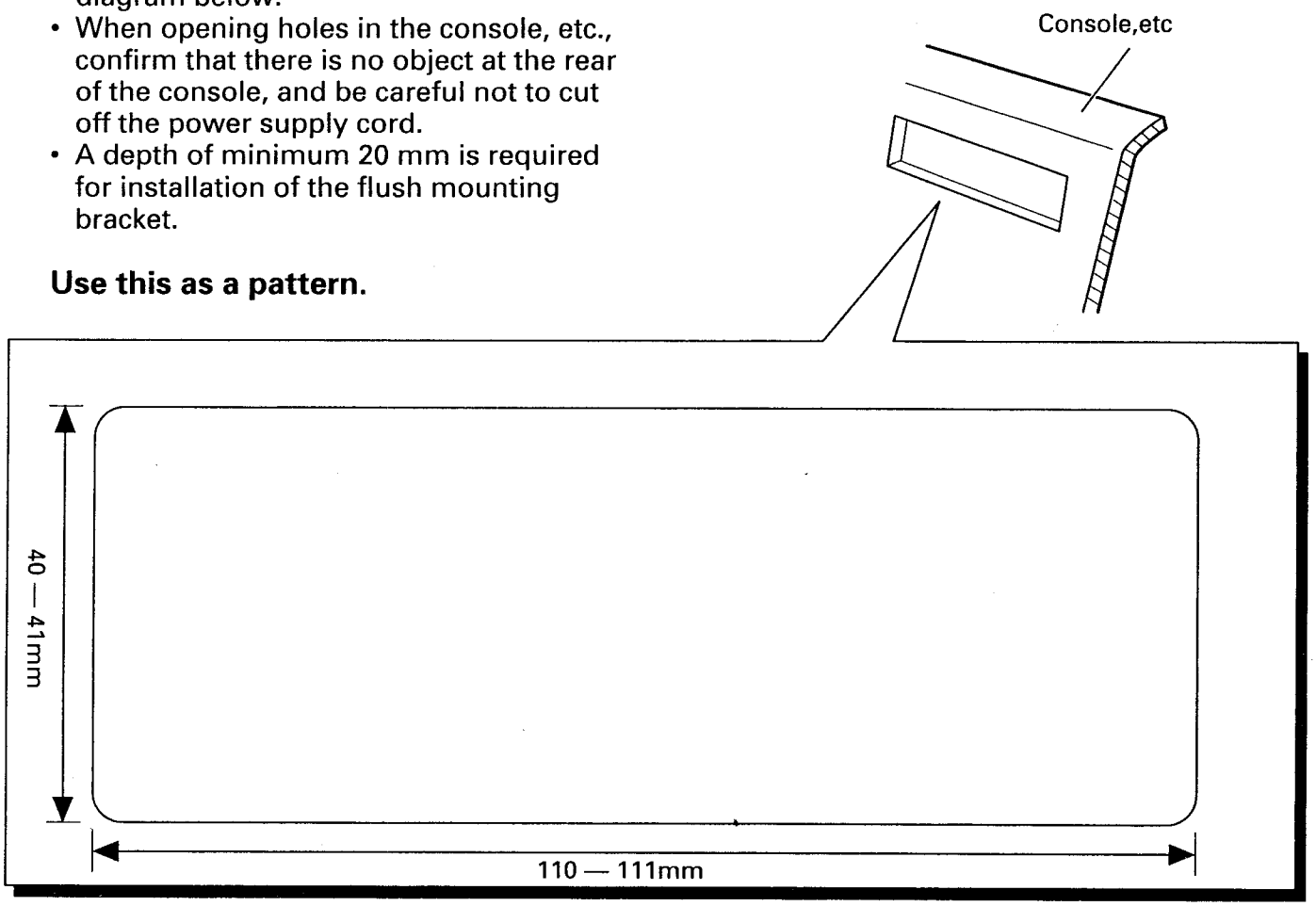
Mounting example 2: Installation using the flush mounting bracket

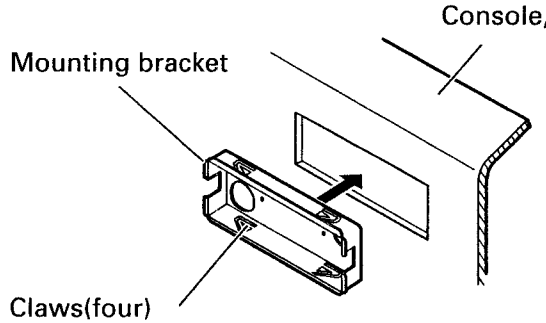
1. Start by opening installation boles in the console, etc., according to the dimension diagram below.
- When opening holes in the console, etc., confirm that there is no object at the rear of the console, and be careful not to cut off the power supply cord.
- A depth of minimum 20 mm is required for installation of the flush mounting bracket.

Use this as a pattern.

- Be careful not to open larger holes than those of the diagram above, as the bracket cannot be fasten if the holes are too large.

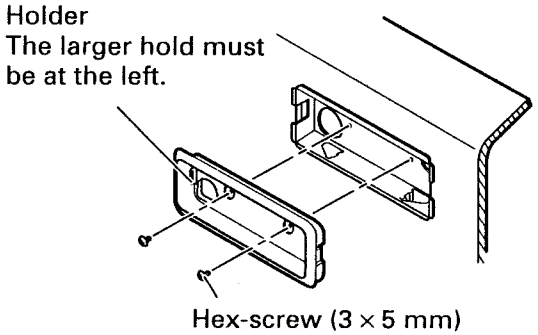


2. Fit the mounting bracekt into the opening in the console, etc., rasie the claws of the bracket with a flat-bladed screwdriver, and secure the bracket in place.

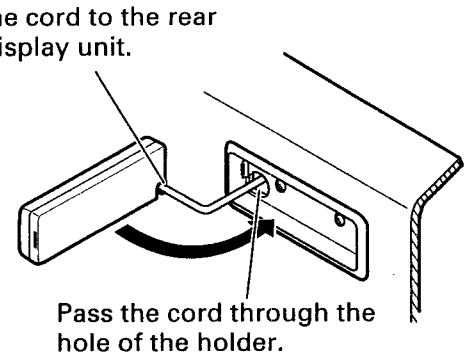


Fit the bracket into the opening in the console, etc., raise claws of the bracket with a flat-bladed screwdriver, and secure it.

3. Fit the mounting bracket into the holder (the top and bottom of the holder are predetermined), then secure it with Hex-screws (3 × 5 mm).



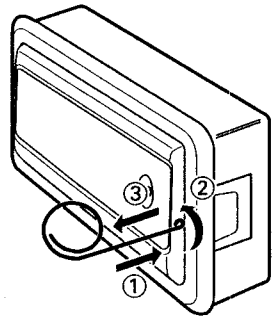
4. Pass the display unit cord through the hole in the holder, and fit the display unit into the holder.



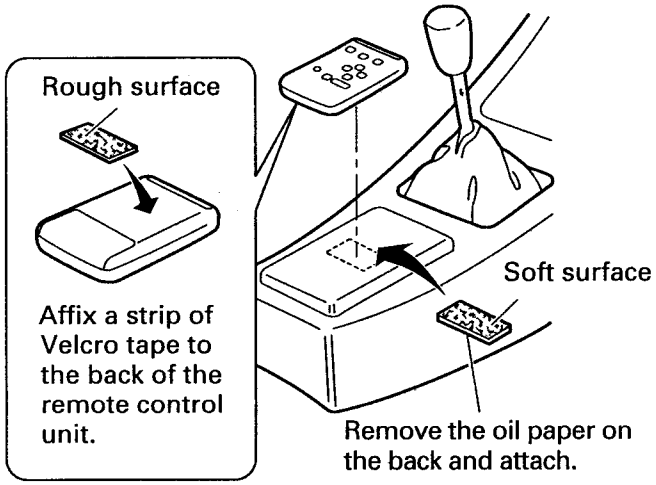
Removing the Display Unit

How to Remove the Display Unit

Insert the release pin that comes with the unit as shown in the illustration. Turn it to the left and then pull it towards you.



Installing the Remote Controller Unit


Rough surface
Affix a strip of Velcro tape to the back of the remote control unit.
Soft surface
Remove the oil paper on the back and attach.

Affix a strip of Velcro tape to the back of the remote control unit. Remove the oil paper on the back and affix into place.

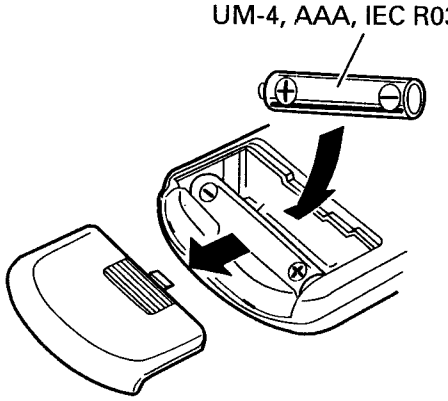
- Thoroughly wipe off the surface before affixing the Velcro tape.
- Do not attach the Velcro tape over the battery compartment cover of the remote controller.

Precautions

- Keep the remote controller unit in an area not exposed to long periods of direct sunlight.
- The remote controller unit may not operate properly if the transmitter of the remote controller unit is pointed towards the floor or the seat of the vehicle.
- Since the transmitter employs and infrared system, it may not operate properly while car stereo unit is exposed to direct sunlight. In such a case, block the sunlight from the sensor and then perform the desired operation.
- If the remote controller fails to operate unless it is brought close to the unit, it may indicate that battery power is low. Replace the batteries in the remote controller.

Preparing to Use the Remote Controller Unit

Loading Batteries



1. Remove the battery compartment cover from the remote controller unit.
2. Load two batteries, whose type is UM-4, AAA, or R03, as applicable, that come with the unit into the remote controller unit, ensuring that their polarity (+/–) is correct.
3. Replace the battery compartment cover.

Precautions When Loading Batteries

Note the following precautions when loading batteries into the remote controller unit to avoid damage due to battery fluid leakage.

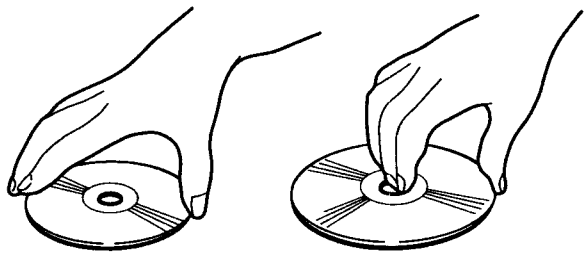
- *Always check carefully that you are loading batteries with their (+) and (–) poles facing in the proper directions.*
- *Never mix old and new batteries. Always replace batteries with two new ones.*
- *Some batteries may appear to be identical but have different voltage ratings. Never mix battery types.*
- *Some batteries can be recharged and some cannot. Be sure to carefully read the label for the batteries you use.*
- *To avoid damage to the remote controller caused by battery leakage, remove the batteries from the remote controller if you do not plan to use it for more than one month. If you find that fluid has leaked, thoroughly wipe out the battery compartment and load a set of new batteries.*

Discs

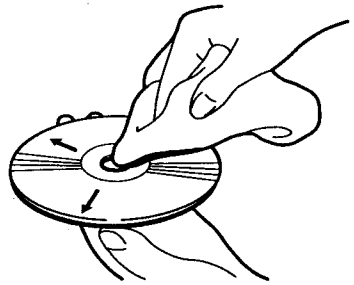
- *Only use compact discs (optical digital audio discs) bearing the mark shown below.*

COMPACT
disc
DIGITAL AUDIO

- *Be sure never to touch the signal surface when handling discs. Pick up discs by grasping the outer edges or the edges of the hole and the outer edge.*



- *Do not affix paper or tape, and avoid scratching the side of the disc which contains the label (contents of disc).*
- *The disc revolves at high speed within the player unit, so defective (cracked or badly bent) discs should not be used.*
- *Dust and/or finger smudges will have no direct effect on the signal recorded on the disc, but dirt can decrease the amount of light reflected from the recorded surface, thus affecting sound quality. If the disc should become soiled, gently wipe the surface with a soft lint-free cloth, wiping from the center of the disc to the edge.*



- *Do not use record sprays or antistatic agents. Such volatile chemicals as benzine and thinner can also damage the surface of the disc and should not be used.*
- *As with traditional audio records, compact discs are made of plastic. To avoid warping, keep the discs in their cases and do not store them in places exposed to direct sunlight.*

Using the Compact Disc Magazine

Usable Magazines

- Onry use magazines bearing the " 12-DISC " mark. If a magazine not bearing this mark is loaded , it may get stuck side or the player may fail.

Precautions when handling magazines

- *Do not put the magazine in a place where it will be exposed to high temperatures or direct sunlight.*
- *Do not disassemble the magazine.*
- *Take care not to drop the magazine or knock it against anything.*
- *Do not use cracked or warped trays.*
- *Never insert anything other than discs. Do not attach a label or tape to a disc.*
- *The use of benzine, thinner, insecticide, or other volatile chemicals may damage the magazine surface.*

Extra magazines

If you need more magazines, please ask your nearest dealer for magazine JD-T1212.

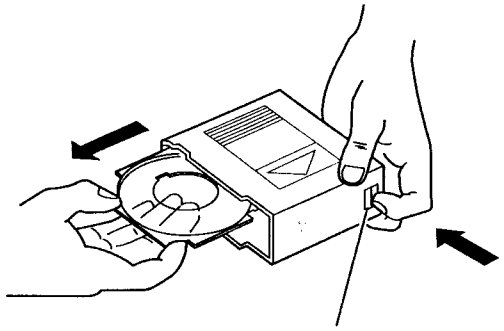
Notes on 8-cm (3-inch) CDs

- *Do not use an 8-cm CD adapter. If it is used, the player may fail. To load an 8-cm CD, you need a special 8-cm CD tray (Part No. CXA5485). Ask your Pioneer service station about it.*

Inserting discs

Load the discs in the magazine supplied. Up to 12 discs can be loaded in the magazine. The discs are numbered 1 to 12 from the bottom disc tray.

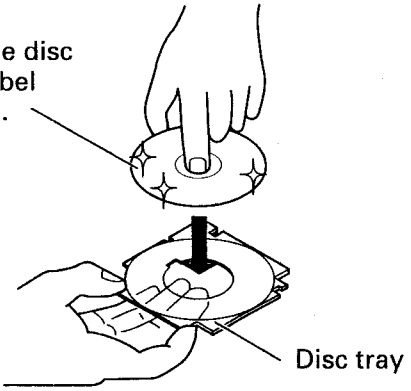
1. Hold down the magazine lock button and, pull the tray out.



Lock button

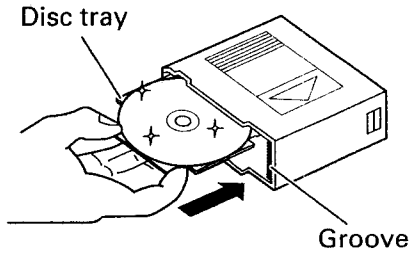
- *Pull the tray out by holding it from underneath as shown in the figure. The tray is detached from the magazine. Do not drop the tray or disc and so damage it.*

2. Put 1 disc on the disc tray, label downward.



- If the disc is loaded upside down, it will not play. The label side must face downward.
- Do not touch the recorded side of a disc when inserting or removing it.

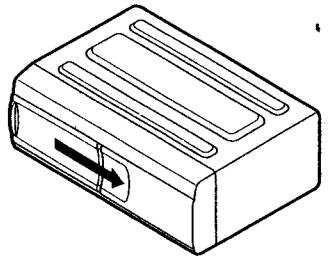
3. Insert the tray horizontally along the right and left grooves of the magazine until it clicks. (The disc must not lift from the tray.)



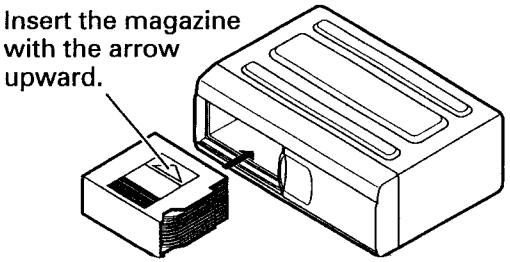
- *If the tray is not aligned with the right and left grooves, it cannot be pushed to the end. Do not bend or force the tray.*
- *Always load 12 trays in a magazine to prevent loss or warping of trays.*
- This compact disc player recognizes which magazine is in use from the bottom disc. Always keep a disc in the bottom disc tray.
- If you load a disc with the label generally printed in black facing up, not only will the player not be able to recognize whether the disc is set or not, but also, the display unit will not display an error message to let you know about it. So make sure all the discs in each magazine have their label sides facing down.

Loading and removing the magazine

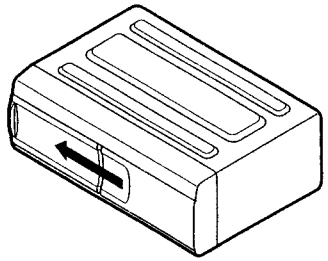
1. Slide and open the door.
   Open it fully until it locks with a click.



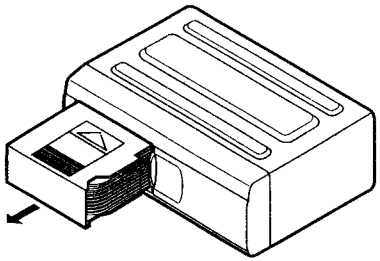
2. Insert the magazine.
- Make sure that the magazine is loaded with discs before inserting it into the player.
- Be careful to insert the magazine into player with the mark facing upward.
- *If the label on the magazine is coming off or wrinkled up, it may damage the eject mechanism, and in some cases, the magazine may not be ejected. Therefore, remove a damaged label completely before use.*



3. Slide and close the door.
   Close it fully until locks with a click.
- *Never leave the door open while playing discs. The entry of dirt, dust, or any other foreign matter into the player may cause it to fail.*



4. To take out the magazine , fully open the door , When the door is fully opened the magazine is automatically ejected.



ENGLISH

Playing Compact Discs

Parts Identification

(Fig.2)

[11] Power ON/OFF
/Modulator setting mode
[12] Mode
[13] Pause
[14] Disc Number Search
[15] Track Search/Fast Forward, Reverse
[16] ITS (Instant Track Selector)
[17] Program Clear/Title List
[18] Search mode selection/Disc Title

(Fig.3)

[19] Display
[20] Power ON/OFF
/EDIT

(Fig.4)

[21] Disc Repeat
[22] Title List
[23] Manual Mode
[24] ITS (Instant Track Selector)
[25] One-Track Repeat
[26] Random Play
[27] Track Number
[28] Disc Number

1. Switch the radio on and tune to Modulating Frequencies.

- The initial value is 89.1 MHz.
- If you radio has preset tuning, you can preset the frequency of the selected channel.
- If your radio does not have muting, there may be some noise before power switch of control unit is ON. If this happens, turn down the volume of the radio.

2. Press button [11] or [20] to switch on and start the player.

Track Number [27], and Disc Number [28] will light.

- If you turn the system power on when there is no maganize in the player, "NO MAG" (no maganize) flashes on the display for about 5 seconds, then the power goes off. If this happens, load a magazine, and turn the system power on again.
- If there are no discs in the magazine in the player, or if all the discs have been loaded in the magazine with their label sides facing up, an error appears on the display, and the system does not start. If this happens, eject the magazine and check whether there are any discs in it.
- If you take the magazine out of the player while a CD is playing, "NO MAG"(no magazine) appears on the display, then the power goes off.
- If the car radio connected to this system has a stereo indicator, the indicator will always be it, even if the music from the CD player is mono.
- When inserting magazine into CD Player or change the disc to be played, the CD player may perform a perparatory operation. (verifying there is a disc, reading disc information, etc.)"READY"is displayed during this time.

3. Set the volume, balance, bass, and treble to the desired level using the car radio.

4. To stop disc play, press button [11] or [20].

- If you want to listen to the radio or a cassette after stopping the player, turn down the volume of the radio and stop the player.

Setting Player to Play Discs via Radio

Modulating frequencies selector

This system can change the frequency at which the FM car radio receives the CD audio signals within the range of 87.9 to 90.1 MHz in 0.2-MHz increments. (The initial setting is 89.1 MHz.) If there is a strong broadcast station signal near the current frequency, radio interference may occur. If it occurs, change the frequency to another as follows:

1. Hold down button [11] for more than 2 seconds. The modulator setting mode will be entered, and the frequency will be displayed.
   - If you do nothing within the next 8 seconds, the modulator setting mode returns to the normal mode without changing the most recent settings.
2. Press the (▲) or (▼) of button [14] to select a frequency.
3. Hold down button [11] for more than 2 seconds to set the frequency.

Source level adjuster

When you play discs, If the volume is low compared with that for FM increase the volume level. If the volume is high and there is distortion, decrease the volume level (The initial setting is "LEVEL-3").

1. Hold down button [11] for more than 2 seconds. The modulator setting mode will be entered, and the frequency will be displayed.
   - If you do nothing within the next 8 seconds, the modulator setting mode returns to the normal mode without changing the most recent settings.
2. Press the (◄) or (►) of button [15] to select a level.
3. Hold down button [11] for more than 2 seconds to set the level.

Pre-emphasis selector

Normally, set the pre-emphasis selector to "PRE-EMP 1". (The initial setting is "PRE-EMP 1".)

Play a disc. If you feel the treble is insufficient, switch the selector to "PRE-EMP 2" to boost the treble slightly.

- When the selector is set to "PRE-EMP 2", the sound may distort with some car radios. In this case, switch it back to "PRE-EMP 1".

1. Hold down button [11] for more than 2 seconds. The modulator setting mode will be entered, and the frequency will be displayed.
   - If you do nothing within the next 8 seconds, the modulator setting mode returns to the normal mode without changing the most recent settings.
2. Press button [12] to select a pre-emphasis level.
3. Hold down button [11] for more than 2 seconds to set the pre-emphasis level.

Using Track Search/Fast Forward and Reverse

Each time you press button [18], the mode switches between Track Search mode Manual search mode.

Track Search

1. Select Track Search mode ("MANU" [23] dissapears).
2. Press the (►) side of button [15] to increase the number at Position [27], or the (◄) side to decrease the number. Holding either side of button [15] down changes the number at high speed.

Fast Forward and Reverse

1. Select Manual search mode ("MANU" [23] appears).
2. Press the (►) side of button [15] to fast-forward, press the (◄) side to reverse.

Disc Number Search

Press the (▲) side of button [14] to increase the number at Position [28], or the (▼) side to decrease the number. Empty trays in the magazine will be skipped during selection.

Repeat

You can select one of the play modes (repeat modes) listed below.

Play mode (repeat mode)	Operation
One-Track Repeat	Play the current track repeatedly. • When you perform track number search or fast forward or rewind, the mode changes to disc repeat mode. • Switching the disc switches to magazine repeat mode.
Disc Repeat	Play the same disc repeatedly. • Switching the disc switches to magazine repeat mode.
Magazine Repeat (Normal play)	Play all discs loaded in the magazine in the CD player repeatedly. All discs in the magazine are played repeatedly from the first disc.

Each press of button [12] causes the mode to change as follows:
One-Track Repeat ("RPT" appears on the display [25]) → Disc Repeat ("DISC" [21] appears) → Magazine Repeat (Normal play)

Random Play

The microcomputer of the CD player selects plays tracks on discs in random order. Random play is performed according to the current play mode (repeat mode) as follows:

Play mode (repeat mode)	Tracks to be played at random
One-Track Repeat	All tracks on the disc being played. • The play mode changes to disc repeat mode.
Disc Repeat	All tracks on the disc being played.
Magazine Repeat (Normal play)	All tracks on the discs in the magazine being played.

1. Select the desired random play mode (repeat mode).
2. Hold down button [12] for more than 2 seconds. ("RDM" appears on the display [26].) To cancel random play, hold down button [12] for more than 2 seconds again. ("RDM" disappears.)

- Since selections are played in random order, the same selection may be played twice in succession.

ITS (Instant Track Selection)

This function lets you program and play the tracks you want. You can listen to just your favorite tracks.

- The ADPS function* of the multi-play CD player lets you program up to 100 discs. (Up to 100 discs can be programmed including disc title inputs (see page 20).)
  * ADPS: Automatic Disc Program Selection
- Up to 99 tracks can be programmed for a single disc.
- When the number of discs exceeds 100, discs not being played (Information not being renewed) in memory is overwritten by the newest.
- Tracks are programmed for each disc. Programmed tracks are not erased after the disc is changed.

Programming

1. Play the track you want to program.
2. Press button [16] to program the track. ("ITS" appears on the display [27] for 2 seconds.)

- Program tracks while ITS play is not in progress. It is possible during or random play.

ITS Play

Track stored only in memory are played in order. Tracks are played according to ITS play mode (repeat mode) as follows:

Play mode (repeat mode)	Tracks to be played by ITS
One-Track Repeat	Programmed trakcs on the disc being played. • The play mode changes to disc repeat mode.
Disc Repeat	Programmed tracks on the disc being played.
Magazine Repeat (Normal play)	Programmed tracks on the discs in the magazine being played. • If the disc being played contains no programmed tracks, the next disc containing programmed tracks is played.

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1.Select the desired ITS play mode (repeat mode).
2.Hold down button [16] for more than 2 seconds. ("ITS" appears on the display [24].) To cancel ITS play, hold down button [17] for more than 2 seconds again. ("ITS" disappears.)

- When you play a disc that has no tracks programmed, "EMPTY" will appear on the display [27] for about 2 seconds, indicating that ITS play is not possible.
- You can perform random play during ITS play. In this case, random play applies to all the tracks stored in memory. (If the play mode is the magazine repeat mode applies to all the tracks of the discs in the magazine stored in memory.)
- During ITS play, both disc and track number search is performed only on programmed tracks.

Erasing the ITS Program

You can erase one or all selections of the program for the disc being played by ITS.

To erase a single selection:

1.Start ITS play.
2.Play the track you wish to erase by using disc number search or track number search.
3.Hold down button [17] for more than 2 seconds.

To erase the disc program:

1.Start normal play.
2.Play the disc you wish to erase by using disc number search.
3.Hold down button [17] for more than 2 seconds to erase the program. ("CLEAR" appears on the display [27] for about 2 seconds.)

Pausing

1.Press button [13] to pause during disc playback ("PAUSE" appears on display [27]).
2.Press button [13] again to release pause.

- You can select a track using the track search during pause. ("PAUSE" is off while a track is being searched.) When the track search ends, the found track is paused at its beginning.

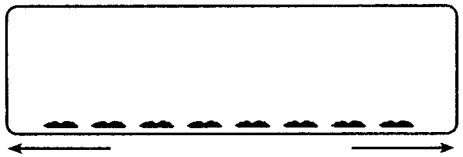
Disc Title Input

You can enter a title for the disc in the CD player. The title stored for the disc can be displayed.

- The ADPS function* of the CD player lets you enter titles for up to 100 discs. (Up to 100 discs, including ITS, can be programmed.)
  *ADPS: Automatic Disc Program Selection
- A disc title can consist of up 8 characters for a single disc.
- When the number of discs exceeds 100, discs not being played (information not being renewed) in memory is overwritten by the newest.
- One title is stored for each disc. The title stored for a disc is not erased after the disc is changed.

Entering Titles

1. Select the disc for which you want to enter a title.
2. Hold down button [20] for more than 2 seconds to select title input mode.
3. Press the (◄) or (►) side of button [15] to select the input position. The input position moves continuously when you hold down either side of the button.



4. Select characters using the (▲) or (▼) side of button [14]. When you hold down either side of the button, the character changes continuously. Each press of the (▲) side changes the character from "A → B → C...", while each press of the (▼) side changes the character from "C → B → A". To enter a space, press the space sign (_).
5. Enter all characters by repeating steps 3 and 4.
   Press button [18] to store them in memory.
   The title will appear on the display.

Display Switching

Each press of button [18] for more than 2 seconds switches the display [27], [28] between the elapsed play time and disc title. When you perform any operation while the disc title is being displayed, the normal operation display will appear for 8 seconds.

Disc Title List

You can list all discs loaded in the magazine being played. This function is convenient for checking discs in the magazine being played.
Each press of button [17] displays the titles of the discs in magazine being played in ascending order of disc number.
The disc title is displayed for about 8 seconds, then the normal operation display returns.

- *Nothing is displayed for discs having no titles.*
- *Trays with no discs are skipped.*

Select the disc to be played from the disc list display.

1. Press button [17] to display the disc title.
2. When the title of the disc you want to listen to is displayed, press button [18] for more than 2 seconds. That disc is played.

Error Mode

Should an abnormality occur — for example, CD Player cannot be operated, or the music stops during CD playback — the display unit will indicate an error mode. (Example :"ERR11")
While the display unit is in error mode, a number will be displayed indicating the cause of the error, so please check the items listed below. If you cannot fix the problem after checking the cause of the error, please contact your dealer or your nearest Pioneer service center.

Error No.	Cause	Treatment
11, 12, 17	Dirt or a scratch on the disc stops the laser beam from being able to focus.	Wipe off the dirt. Exchange the disc if it has been scratched.
11, 17	The disc has been inserted upside down.	Confirm that the disc has been inserted right side up.
14	The disc has been inserted upside down.	Confirm that the disc has been inserted right side up.
	An unrecorded compact disc (CD-R), which can be recorded on once is being used.	When you use a CD-R, load one that has been recorded on.
30	Dirt or a scratch on the disc hinders the track number search function.	Wipe the dirt off the disc. Exchange the disc if it is scratched.
80	There is no disc in the magazine.	Load a disc into the magazine.
– 0, 10, 11, 12, 14 17, 50, 60, 70, A0	Electrical or mechanical system fault.	See Note (*).

* Turn the car ignition switch off and on again, or press power ON/OFF button on the display unit, and start the CD playing again. If the error indication does not disappear, contact your nearest Pioneer service center or station.

Specifications

CD Player unit

System ..... Compact disc audio system
Usable discs ..... Compact Disc
Signal format ..... Sampling frequency: 44.1 kHz
Number of quantization bits: 16; linear
Power source ..... 14.4 V DC (10.8 — 15.6 V allowable)
Max. current consumption ..... 1.0 A
Weight ..... 2.8 kg (6.2 lbs)
Dimensions ..... 275 (W) × 93 (H) × 168 (D) mm
[10-7/8 (W) × 3-5/8 (H) × 6-1/8 (D) in.]
FM modulator usable frequency
..... 87.9/88.1/88.3/88.5/88.7/88.9/89.1
/89.3/89.5/89.7/89.9/90.1 MHz

Antenna Switching unit

Weight ..... 140 g (0.3 lbs.)
Dimensions ..... 45 (W) × 25 (H) × 43 (D) mm
[1-3/4 (W) × 1 (H) × 1-5/8 (D) in.]

Display unit

Weight ..... 70 g (0.1 lbs.)
Dimensions ..... 105 (W) × 35 (H) × 18(D) mm
[4-1/8 (W) × 1-3/8 (H) × 5/8 (D) in.]

Remote Controller unit

Power source ..... Batteries (UM-4/AAA/R03) Two
Weight (including battteries) ..... 60 g (0.1 lbs.)
Dimensions ..... 55 (W) × 106 (H) × 15 (D) mm
[2-1/8 (W) × 4-1/8 (H) × 5/8 (D) in.]

These specifications were determined and are presented in accordance with specification standards established by the Ad Hoc Committee of Car Stereo Manufacturers.

Note:
Specifications and the design are subject to possible modification without prior notice due to improvements.

PIONEER ELECTRONIC CORPORATION
4-1, Meguro 1 chome, Meguro-ku, TOKYO, 153, JAPAN
PIONEER ELECTRONICS (USA) INC.
P.O. Box 1760, Long Beach, California 90801, U.S.A.
TEL: (800) 421-1404
PIONEER ELECTRONIC (EUROPE) N.V.
Haven 1087 Keetberglaan 1, 9120 Melsele, Belgium
TEL: 03/750.05.11
PIONEER ELECTRONICS AUSTRALIA PTY. LTD.
178-184 Boundary Road, Braeside, Victoria 3195, Australia
TEL: (03) 580-9911
PIONEER ELECTRONICS OF CANADA, INC.
300 Allstate Parkway Markham, Ontario L3R 0P2, Canada
TEL: (416) 479-4411
PIONEER ELECTRONICS DE MEXICO S.A. DE C.V.
Augusto Rodin NO.128 PB COL
San Juan Mixcoac Mexico D.F. CP. 03730
TEL: 52-5-598-3950

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